Tobias G KÃ¶llner

List of Publications by Year
in descending order

132
papers

9,585
citations

38742

50
h-index

42399

92
g-index

142
all docs

142
docs citations

142
times ranked

7987
citing authors

#	Article	IF	Citations
1	Recruitment of entomopathogenic nematodes by insect-damaged maize roots. Nature, 2005, 434, 732-737.	27.8	1,099
2	Monoterpene and sesquiterpene synthases and the origin of terpene skeletal diversity in plants. Phytochemistry, 2009, 70, 1621-1637.	2.9	891
3	The products of a single maize sesquiterpene synthase form a volatile defense signal that attracts natural enemies of maize herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1129-1134.	7.1	491
4	A Maize (<i>E</i>)-Î²-Caryophyllene Synthase Implicated in Indirect Defense Responses against Herbivores Is Not Expressed in Most American Maize Varieties. Plant Cell, 2008, 20, 482-494.	6.6	422
5	Restoring a maize root signal that attracts insect-killing nematodes to control a major pest. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13213-13218.	7.1	298
6	Natural Variation in Maize Aphid Resistance Is Associated with 2,4-Dihydroxy-7-Methoxy-1,4-Benzoxazin-3-One Glucoside Methyltransferase Activity Â. Plant Cell, 2013, 25, 2341-2355.	6.6	251
7	The Maize Gene terpene synthase 1 Encodes a Sesquiterpene Synthase Catalyzing the Formation of (E)-Î²-Farnesene, (E)-Nerolidol, and (E,E)-Farnesol after Herbivore Damage. Plant Physiology, 2002, 130, 2049-2060.	4.8	226
8	The Variability of Sesquiterpenes Emitted from Two Zea mays Cultivars Is Controlled by Allelic Variation of Two Terpene Synthase Genes Encoding Stereoselective Multiple Product Enzymes. Plant Cell, 2004, 16, 1115-1131.	6.6	206
9	The maize W22 genome provides a foundation for functional genomics and transposon biology. Nature Genetics, 2018, 50, 1282-1288.	21.4	183
10	Molecular and genomic basis of volatileâ€mediated indirect defense against insects in rice. Plant Journal, 2008, 55, 491-503.	5.7	163
11	A specialist root herbivore exploits defensive metabolites to locate nutritious tissues. Ecology Letters, 2012, 15, 55-64.	6.4	146
12	Identification and Regulation of TPS04/GES, an<i>Arabidopsis</i>Geranyllinalool Synthase Catalyzing the First Step in the Formation of the Insect-Induced Volatile C16-Homoterpene TMTT. Plant Cell, 2008, 20, 1152-1168.	6.6	136
13	The Eucalyptus terpene synthase gene family. BMC Genomics, 2015, 16, 450.	2.8	125
14	Herbivoreâ€induced volatile emission in black poplar: regulation and role in attracting herbivore enemies. Plant, Cell and Environment, 2014, 37, 1909-1923.	5.7	120
15	The sesquiterpene hydrocarbons of maize (Zea mays) form five groups with distinct developmental and organ-specific distributions. Phytochemistry, 2004, 65, 1895-1902.	2.9	119
16	Colonization by arbuscular mycorrhizal and endophytic fungi enhanced terpene production in tomato plants and their defense against a herbivorous insect. Symbiosis, 2015, 65, 65-74.	2.3	117
17	Herbivoreâ€induced poplar cytochrome P450 enzymes of the <scp>CYP</scp>71 family convert aldoximes to nitriles which repel a generalist caterpillar. Plant Journal, 2014, 80, 1095-1107.	5.7	105
18	Characterization of Biosynthetic Pathways for the Production of the Volatile Homoterpenes DMNT and TMTT in <i>Zea mays</i>. Plant Cell, 2016, 28, 2651-2665.	6.6	105

#	Article	IF	Citations
19	Two Herbivore-Induced Cytochrome P450 Enzymes CYP79D6 and CYP79D7 Catalyze the Formation of Volatile Aldoximes Involved in Poplar Defense Â. Plant Cell, 2013, 25, 4737-4754.	6.6	104
20	Gene Coexpression Analysis Reveals Complex Metabolism of the Monoterpene Alcohol Linalool in<i>Arabidopsis</i>Flowers Â. Plant Cell, 2013, 25, 4640-4657.	6.6	104
21	Defensive weapons and defense signals in plants: Some metabolites serve both roles. BioEssays, 2015, 37, 167-174.	2.5	104
22	The role of abscisic acid and water stress in root herbivoreâ€induced leaf resistance. New Phytologist, 2011, 189, 308-320.	7.3	103
23	Nonseed plant <i>Selaginella moellendorffii</i> has both seed plant and microbial types of terpene synthases. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14711-14715.	7.1	103
24	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and ecoâ€evolutionary implications. New Phytologist, 2018, 220, 739-749.	7.3	101
25	Plant iron acquisition strategy exploited by an insect herbivore. Science, 2018, 361, 694-697.	12.6	98
26	Terpene synthase genes in eukaryotes beyond plants and fungi: Occurrence in social amoebae. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12132-12137.	7.1	92
27	A light-dependent molecular link between competition cues and defence responses in plants. Nature Plants, 2020, 6, 223-230.	9.3	92
28	Chemical convergence between plants and insects: biosynthetic origins and functions of common secondary metabolites. New Phytologist, 2019, 223, 52-67.	7.3	90
29	Protonation of a Neutral (S)-Î²-Bisabolene Intermediate Is Involved in (S)-Î²-Macrocarpene Formation by the Maize Sesquiterpene Synthases TPS6 and TPS11. Journal of Biological Chemistry, 2008, 283, 20779-20788.	3.4	89
30	Biosynthesis of 8-O-methylated benzoxazinoid defense compounds in maize. Plant Cell, 2016, 28, tpc.00065.2016.	6.6	87
31	Terpene synthases and their contribution to herbivore-induced volatile emission in western balsam poplar (Populus trichocarpa). BMC Plant Biology, 2014, 14, 270.	3.6	86
32	Molecular and biochemical evolution of maize terpene synthase 10, an enzyme of indirect defense. Phytochemistry, 2009, 70, 1139-1145.	2.9	80
33	Herbivore-Induced SABATH Methyltransferases of Maize That Methylate Anthranilic Acid Using <i>S</i>-Adenosyl-<scp>l</scp>-Methionine Â. Plant Physiology, 2010, 153, 1795-1807.	4.8	80
34	The rice terpene synthase gene <i>Os<scp>TPS</scp>19</i> functions as an (<i>S</i>)â€limonene synthase <i>in planta,</i> and its overexpression leads to enhanced resistance to the blast fungus <i>Magnaporthe oryzae</i>. Plant Biotechnology Journal, 2018, 16, 1778-1787.	8.3	79
35	Four terpene synthases produce major compounds of the gypsy moth feeding-induced volatile blend of Populus trichocarpa. Phytochemistry, 2011, 72, 897-908.	2.9	77
36	Terpene Cyclases from Social Amoebae. Angewandte Chemie - International Edition, 2016, 55, 15420-15423.	13.8	73

#	Article	IF	Citations
37	Novel family of terpene synthases evolved from <i>trans</i> -isoprenyl diphosphate synthases in a flea beetle. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2922-2927.	7.1	72
38	A Latex Metabolite Benefits Plant Fitness under Root Herbivore Attack. PLoS Biology, 2016, 14, e1002332.	5.6	71
39	Microbial-type terpene synthase genes occur widely in nonseed land plants, but not in seed plants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12328-12333.	7.1	70
40	Identification and characterization of (E)-Î²-caryophyllene synthase and Î±/Î²-pinene synthase potentially involved in constitutive and herbivore-induced terpene formation in cotton. Plant Physiology and Biochemistry, 2013, 73, 302-308.	5.8	68
41	The terpene synthase gene family in <scp><i>Gossypium hirsutum</i></scp> harbors a linalool synthase GhTPS12 implicated in direct defence responses against herbivores. Plant, Cell and Environment, 2018, 41, 261-274.	5.7	68
42	Tissue-Specific Emission of (E)-Î±-Bergamotene Helps Resolve the Dilemma When Pollinators Are Also Herbivores. Current Biology, 2017, 27, 1336-1341.	3.9	67
43	The organ-specific expression of terpene synthase genes contributes to the terpene hydrocarbon composition of chamomile essential oils. BMC Plant Biology, 2012, 12, 84.	3.6	66
44	Costs of induced volatile production in maize. Oikos, 2004, 105, 168-180.	2.7	65
45	A Multiproduct Terpene Synthase from <i>Medicago truncatula</i> Generates Cadalane Sesquiterpenes via Two Different Mechanisms. Journal of Organic Chemistry, 2010, 75, 5590-5600.	3.2	64
46	Dynamic evolution of herbivoreâ€induced sesquiterpene biosynthesis in sorghum and related grass crops. Plant Journal, 2012, 69, 70-80.	5.7	64
47	Selinene Volatiles Are Essential Precursors for Maize Defense Promoting Fungal Pathogen Resistance. Plant Physiology, 2017, 175, 1455-1468.	4.8	61
48	An (<i>E,E</i>)â€Î±â€farnesene synthase gene of soybean has a role in defence against nematodes and is involved in synthesizing insectâ€induced volatiles. Plant Biotechnology Journal, 2017, 15, 510-519.	8.3	61
49	Functional and evolutionary relationships between terpene synthases from Australian Myrtaceae. Phytochemistry, 2010, 71, 844-852.	2.9	59
50	Convergent evolution of a metabolic switch between aphid and caterpillar resistance in cereals. Science Advances, 2018, 4, eaat6797.	10.3	58
51	Root volatiles in plantâ€"plant interactions I: High root sesquiterpene release is associated with increased germination and growth of plant neighbours. Plant, Cell and Environment, 2019, 42, 1950-1963.	5.7	57
52	Expression profiling of various genes during the fruit development and ripening of mango. Plant Physiology and Biochemistry, 2010, 48, 426-433.	5.8	55
53	Mechanisms of the Diterpene Cyclases Î²â€Pinacene Synthase from <i>Dictyostelium discoideum</i> and Hydropyrene Synthase from <i>Streptomyces clavuligerus</i>. Chemistry - A European Journal, 2017, 23, 10501-10505.	3.3	53
54	Changes in volatile composition during fruit development and ripening of â€˜Alphonsoâ€™ mango. Journal of the Science of Food and Agriculture, 2009, 89, 2071-2081.	3.5	52

#	Article	IF	Citations
55	Genetic elucidation of interconnected antibiotic pathways mediating maize innate immunity. Nature Plants, 2020, 6, 1375-1388.	9.3	52
56	Two pockets in the active site of maize sesquiterpene synthase TPS4 carry out sequential parts of the reaction scheme resulting in multiple products. Archives of Biochemistry and Biophysics, 2006, 448, 83-92.	3.0	51
57	The maize cytochrome P450 CYP79A61 produces phenylacetaldoxime and indole-3-acetaldoxime in heterologous systems and might contribute to plant defense and auxin formation. BMC Plant Biology, 2015, 15, 128.	3.6	49
58	MTPSLs: New Terpene Synthases in Nonseed Plants. Trends in Plant Science, 2018, 23, 121-128.	8.8	48
59	Origin and early evolution of the plant terpene synthase family. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2100361119.	7.1	48
60	Biosynthesis and Emission of Stress-Induced Volatile Terpenes in Roots and Leaves of Switchgrass (Panicum virgatum L.). Frontiers in Plant Science, 2019, 10, 1144.	3.6	44
61	Localization of sesquiterpene formation and emission in maize leaves after herbivore damage. BMC Plant Biology, 2013, 13, 15.	3.6	43
62	De novo formation of an aggregation pheromone precursor by an isoprenyl diphosphate synthase-related terpene synthase in the harlequin bug. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8634-E8641.	7.1	43
63	The timing of herbivore-induced volatile emission in black poplar (Populus nigra) and the influence of herbivore age and identity affect the value of individual volatiles as cues for herbivore enemies. BMC Plant Biology, 2014, 14, 304.	3.6	42
64	An unbiased approach elucidates variation in (<i>S</i>)-(+)-linalool, a context-specific mediator of a tri-trophic interaction in wild tobacco. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14651-14660.	7.1	41
65	Within-plant distribution and emission of sesquiterpenes from Copaifera officinalis. Plant Physiology and Biochemistry, 2009, 47, 1017-1023.	5.8	40
66	Terpene Biosynthesis in Red Algae Is Catalyzed by Microbial Type But Not Typical Plant Terpene Synthases. Plant Physiology, 2019, 179, 382-390.	4.8	40
67	The molecular basis of host plant selection in Melaleuca quinquenervia by a successful biological control agent. Phytochemistry, 2010, 71, 1237-1244.	2.9	38
68	A small, differentially regulated family of farnesyl diphosphate synthases in maize (Zea mays) provides farnesyl diphosphate for the biosynthesis of herbivore-induced sesquiterpenes. Planta, 2015, 241, 1351-1361.	3.2	37
69	Characterization of the Monoterpene Synthase Gene <i>tps26</i>, the Ortholog of a Gene Induced by Insect Herbivory in Maize Â Â. Plant Physiology, 2008, 146, 940-951.	4.8	36
70	Functional characterization of two acyltransferases from Populus trichocarpa capable of synthesizing benzyl benzoate and salicyl benzoate, potential intermediates in salicinoid phenolic glycoside biosynthesis. Phytochemistry, 2015, 113, 149-159.	2.9	36
71	Positive Darwinian selection is a driving force for the diversification of terpenoid biosynthesis in the genus Oryza. BMC Plant Biology, 2014, 14, 239.	3.6	33
72	Infection of Corn Ears by <i>Fusarium</i> spp. Induces the Emission of Volatile Sesquiterpenes. Journal of Agricultural and Food Chemistry, 2014, 62, 5226-5236.	5.2	33

#	Article	IF	Citations
73	Terpencyclasen aus sozialen AmÃ¶ben. Angewandte Chemie, 2016, 128, 15646-15649.	2.0	33
74	Combinatorial Evolution of a Terpene Synthase Gene Cluster Explains Terpene Variations in <i>Oryza</i>. Plant Physiology, 2020, 182, 480-492.	4.8	33
75	Biosynthesis and antifungal activity of fungus-induced <i>O</i>-methylated flavonoids in maize. Plant Physiology, 2022, 188, 167-190.	4.8	32
76	CYP79 P450 monooxygenases in gymnosperms: CYP79A118 is associated with the formation of taxiphyllin in Taxus baccata. Plant Molecular Biology, 2017, 95, 169-180.	3.9	31
77	The occurrence and formation of monoterpenes in herbivore-damaged poplar roots. Scientific Reports, 2018, 8, 17936.	3.3	31
78	Terpene Synthase Genes Originated from Bacteria through Horizontal Gene Transfer Contribute to Terpenoid Diversity in Fungi. Scientific Reports, 2019, 9, 9223.	3.3	31
79	Theoretical and Experimental Analysis of the Reaction Mechanism of MrTPS2, a Triquinaneâ€Forming Sesquiterpene Synthase from Chamomile. Chemistry - A European Journal, 2013, 19, 13590-13600.	3.3	30
80	One amino acid makes the difference: the formation of ent-kaurene and 16Î±-hydroxy-ent-kaurane by diterpene synthases in poplar. BMC Plant Biology, 2015, 15, 262.	3.6	30
81	An IDS-Type Sesquiterpene Synthase Produces the Pheromone Precursor (Z)-Î±-Bisabolene in Nezara viridula. Journal of Chemical Ecology, 2019, 45, 187-197.	1.8	30
82	CYP79D enzymes contribute to jasmonic acid-induced formation of aldoximes and other nitrogenous volatiles in two Erythroxylum species. BMC Plant Biology, 2016, 16, 215.	3.6	27
83	Growing up aspen: ontogeny and trade-offs shape growth, defence and reproduction in a foundation species. Annals of Botany, 2021, 127, 505-517.	2.9	25
84	Separate Pathways Contribute to the Herbivore-Induced Formation of 2-Phenylethanol in Poplar. Plant Physiology, 2019, 180, 767-782.	4.8	22
85	Characterization of Composition and Antifungal Properties of Leaf Secondary Metabolites from Thirteen Cultivars of Chrysanthemum morifolium Ramat. Molecules, 2019, 24, 4202.	3.8	22
86	Herbivore-induced volatile emission from old-growth black poplar trees under field conditions. Scientific Reports, 2019, 9, 7714.	3.3	21
87	Biochemical characterization of microbial type terpene synthases in two closely related species of hornworts, Anthoceros punctatus and Anthoceros agrestis. Phytochemistry, 2018, 149, 116-122.	2.9	20
88	A single amino acid determines the site of deprotonation in the active center of sesquiterpene synthases SbTPS1 and SbTPS2 from Sorghum bicolor. Phytochemistry, 2012, 75, 6-13.	2.9	19
89	Four terpene synthases contribute to the generation of chemotypes in tea tree (Melaleuca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.6	17
90	Identification and characterization of CYP79D6v4, a cytochrome P450 enzyme producing aldoximes in black poplar (<i>Populus nigra</i>). Plant Signaling and Behavior, 2013, 8, e27640.	2.4	16

#	Article	IF	Citations
91	Diverse Terpenoids and Their Associated Antifungal Properties from Roots of Different Cultivars of Chrysanthemum Morifolium Ramat. Molecules, 2020, 25, 2083.	3.8	16
92	Stereochemical mechanism of two sabinene hydrate synthases forming antipodal monoterpenes in thyme (Thymus vulgaris). Archives of Biochemistry and Biophysics, 2013, 529, 112-121.	3.0	15
93	Identification and evolution of glucosinolate sulfatases in a specialist flea beetle. Scientific Reports, 2019, 9, 15725.	3.3	15
94	Functional Expression and Characterization of Trichome-Specific (-)-Limonene Synthase and (+)-Î±-Pinene Synthase from<i>Cannabis sativa</i>. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	14
95	Evolution of a Novel and Adaptive Floral Scent in Wild Tobacco. Molecular Biology and Evolution, 2020, 37, 1090-1099.	8.9	14
96	Evolution of isoprenyl diphosphate synthase-like terpene synthases in fungi. Scientific Reports, 2020, 10, 14944.	3.3	14
97	Isotope sensitive branching and kinetic isotope effects to analyse multiproduct terpenoid synthases from Zea mays. Chemical Communications, 2015, 51, 3797-3800.	4.1	13
98	The nitrilase PtNIT1 catabolizes herbivore-induced nitriles in Populus trichocarpa. BMC Plant Biology, 2018, 18, 251.	3.6	13
99	Structure elucidation of the redox cofactor mycofactocin reveals oligo-glycosylation by MftF. Chemical Science, 2020, 11, 5182-5190.	7.4	13
100	Beetle feeding induces a different volatile emission pattern from black poplar foliage than caterpillar herbivory. Plant Signaling and Behavior, 2015, 10, e987522.	2.4	12
101	Identification and Characterization of trans-Isopentenyl Diphosphate Synthases Involved in Herbivory-Induced Volatile Terpene Formation in Populus trichocarpa. Molecules, 2019, 24, 2408.	3.8	12
102	The Occurrence of Sulfated Salicinoids in Poplar and Their Formation by Sulfotransferase1. Plant Physiology, 2020, 183, 137-151.	4.8	12
103	A peroxisomal Î²-oxidative pathway contributes to the formation of C6â€“C1 aromatic volatiles in poplar. Plant Physiology, 2021, 186, 891-909.	4.8	12
104	Diversity and Functional Evolution of Terpene Synthases in Dictyostelid Social Amoebae. Scientific Reports, 2018, 8, 14361.	3.3	11
105	The reconstruction and biochemical characterization of ancestral genes furnish insights into the evolution of terpene synthase function in the Poaceae. Plant Molecular Biology, 2020, 104, 203-215.	3.9	11
106	Allelic differences of clustered terpene synthases contribute to correlated intraspecific variation of floral and herbivoryâ€induced volatiles in a wild tobacco. New Phytologist, 2020, 228, 1083-1096.	7.3	11
107	Composition and Biosynthesis of Scent Compounds from Sterile Flowers of an Ornamental Plant Clematis florida cv. â€˜Kaiserâ€™. Molecules, 2020, 25, 1711.	3.8	11
108	The Sesquiterpene Synthase PtTPS5 Produces (1S,5S,7R,10R)-Guaia-4(15)-en-11-ol and (1S,7R,10R)-Guaia-4-en-11-ol in Oomycete-Infected Poplar Roots. Molecules, 2021, 26, 555.	3.8	11

#	Article	IF	Citations
109	A terpene synthase-cytochrome P450 cluster in Dictyostelium discoideum produces a novel trisnorsesquiterpene. ELife, 2019, 8, .	6.0	11
110	Characterisation of three terpene synthases for Î²-barbatene, Î²-araneosene and nephthenol from social amoebae. Chemical Communications, 2019, 55, 13255-13258.	4.1	10
111	Volatile squalene from a nonseed plant Selaginella moellendorffii : Emission and biosynthesis. Plant Physiology and Biochemistry, 2015, 96, 1-8.	5.8	9
112	Isotopic Labeling Experiments Solve the Hedycaryol Problem. Organic Letters, 2022, 24, 587-591.	4.6	9
113	The wheat dioxygenase BX6 is involved in the formation of benzoxazinoids in planta and contributes to plant defense against insect herbivores. Plant Science, 2022, 316, 111171.	3.6	9
114	Aboveground phytochemical responses to belowground herbivory in poplar trees and the consequence for leaf herbivore preference. Plant, Cell and Environment, 2019, 42, 3293-3307.	5.7	8
115	The Product Specificities of Maize Terpene Synthases TPS4 and TPS10 Are Determined Both by Active Site Amino Acids and Residues Adjacent to the Active Site. Plants, 2020, 9, 552.	3.5	8
116	Comparative Genomic and Metabolomic Analysis of <i>Termitomyces</i> Species Provides Insights into the Terpenome of the Fungal Cultivar and the Characteristic Odor of the Fungus Garden of <i>Macrotermes natalensis</i> Termites. MSystems, 2022, 7, e0121421.	3.8	8
117	CRISPR/Cas9 disruption of <i>UGT71L1</i> in poplar connects salicinoid and salicylic acid metabolism and alters growth and morphology. Plant Cell, 2022, 34, 2925-2947.	6.6	8
118	Biosynthesis of methyl (E)-cinnamate in the liverwort Conocephalum salebrosum and evolution of cinnamic acid methyltransferase. Phytochemistry, 2019, 164, 50-59.	2.9	7
119	Dynamic regulation of volatile terpenoid production and emission from Chrysanthemum morifolium capitula. Plant Physiology and Biochemistry, 2022, 182, 11-21.	5.8	7
120	Two enzymes responsible for the formation of herbivoreâ€induced volatiles of maize, the methyltransferase AAMT1 and the terpene synthase TPS23, are regulated by a similar signal transduction pathway. Entomologia Experimentalis Et Applicata, 2012, 144, 86-92.	1.4	6
121	Phylogeny and abiotic conditions shape the diel floral emission patterns of desert Brassicaceae species. Plant, Cell and Environment, 2021, 44, 2656-2671.	5.7	6
122	Diversity and Biosynthesis of Volatile Terpenoid Secondary Metabolites in the <i>Chrysanthemum</i> Genus. Critical Reviews in Plant Sciences, 2021, 40, 422-445.	5.7	6
123	Elucidation of the genomic basis of indirect plant defense against insects. Plant Signaling and Behavior, 2008, 3, 720-721.	2.4	5
124	Substrate geometry controls the cyclization cascade in multiproduct terpene synthases from Zea mays. Organic and Biomolecular Chemistry, 2015, 13, 6021-6030.	2.8	5
125	Mechanistic divergence between (4<i>S</i>,7<i>R</i>)-germacra-(1(10)<i>E</i>,5<i>E</i>)-dien-11-ol synthases from <i>Dictyostelium purpureum</i> and <i>Streptomyces coelicolor</i>. Organic and Biomolecular Chemistry, 2021, 19, 370-374.	2.8	5
126	Poplar protease inhibitor expression differs in an herbivore specific manner. BMC Plant Biology, 2021, 21, 170.	3.6	5

#	Article	IF	Citations
127	Sesquiterpene biosynthesis in a leafy liverwort Radula lindenbergiana Gottsche ex C. Hartm. Phytochemistry, 2021, 190, 112847.	2.9	5
128	Emission and biosynthesis of volatile terpenoids from the plasmodial slime mold Physarum polycephalum. Beilstein Journal of Organic Chemistry, 2019, 15, 2872-2880.	2.2	4
129	Volatile emission and biosynthesis in endophytic fungi colonizing black poplar leaves. Beilstein Journal of Organic Chemistry, 2021, 17, 1698-1711.	2.2	3
130	Phenylacetaldehyde synthase 2 does not contribute to the constitutive formation of 2-phenylethyl-Î²-D-glucopyranoside in poplar. Plant Signaling and Behavior, 2019, 14, 1668233.	2.4	2
131	Evolution of DIMBOA-Glc O-Methyltransferases from Flavonoid O-Methyltransferases in the Grasses. Molecules, 2022, 27, 1007.	3.8	2
132	Elucidating the Formation of Geranyllinalool, the Precursor of the Volatile C16-Homoterpene TMTT Involved in Indirect Plant Defense. , 2012, , 185-198.		0